

इंटरनेट

मानक

Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 5000-OD25 (1978): Dimensions of Semiconductor Devices,
Device Outline OD25 [LITD 5: Semiconductor and Other
Electronic Components and Devices]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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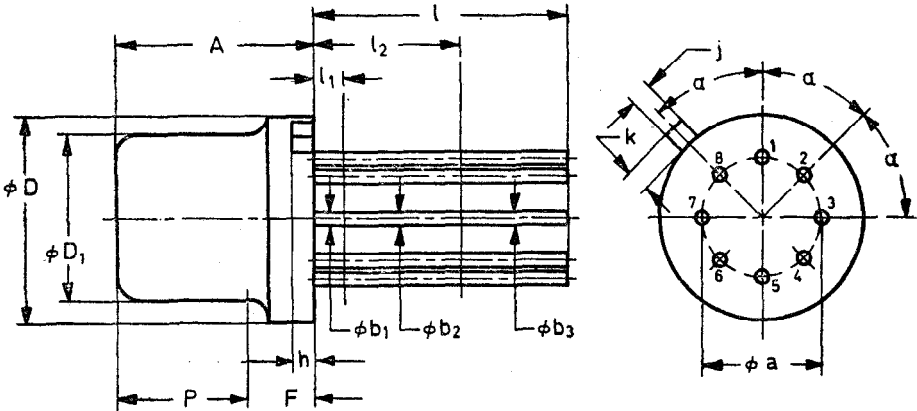


Indian Standard

DIMENSIONS OF SEMICONDUCTOR DEVICES
DEVICE OUTLINE OD 25

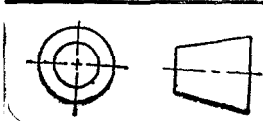
1. Dimensions

Note — This drawing has been prepared in accordance with IS : 5001 (Part I)-1969 ' Guide for the preparation of drawings of semiconductor devices and integrated circuits: Part I Semiconductor devices ' and IS : 5001 (Part II)-1973 ' Guide for the preparation of drawings of semiconductor devices and integrated circuits: Part II Integrated circuits '.



Reference	Millimetres			Degress	Notes
	<i>N in</i>	<i>Nom</i>	<i>Max</i>	<i>Nom</i>	
A	6.10	—	6.60	—	—
a	—	5.08*	—	—	1
b ₁	—	—	0.76	—	—
b ₂	0.407	—	0.508	—	—
b ₃	—	—	0.53	—	—
D	8.64	—	9.39	—	—
D ₁	7.75	—	8.51	—	—
F	2.54	—	—	—	—
h	0.15	—	1.00	—	—
j	0.712	0.787	0.863	—	—
k	0.74	—	1.14	—	2
l ₁	—	—	1.27	—	—
l ₂	6.35	—	—	—	—
l	7.7	12.7	15.2	—	—
p	2.54	—	—	—	—
α	—	—	—	45*	1

*Means true geometrical position.



IS : 5000 (OD 25) - 1978

Note 1 — The cross section of each terminal at a distance l_1 Max from the seating plane lies in a circle having a diameter of 0.99 mm centred at the true geometrical position defining the terminal axis at its point of exit.

Note 2 — Measured from the actual diameter D of the device.

Note 3 — The minimum axial length from the seating plane beyond which the terminals may be bent at right angles is 3.8 mm.

Note 4 — One or more terminals may be omitted but the terminal position retains its number.

2. Rules for Coding — See 8.1 of IS : 5001 (Part I)-1969.

3. Equivalent Designation Code Followed by Other Countries and Organizations

Country or Organization	Designation Code
India	OD 25
IEC	—
United Kingdom	SB8-1A/SB8-1B
France	F42/F76 F65/F77
USA	TO-76,77 78,79,80
Germany	5C8
Japan	TB-15A